

## WEST Search History

DATE: Friday, December 05, 2003

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side by side			result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
L5	l2 not L4	10	L5
L4	L3 and l2	3	L4
L3	L1 with stereo\$	4	L3
L2	L1 with optical\$	13	L2
L1	(transamina\$ or convert\$) with acetophenone	406	L1

END OF SEARCH HISTORY

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NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 SEP 09 CA/CAPLUS records now contain indexing from 1907 to the  
present  
NEWS 4 AUG 05 New pricing for EUROPATFULL and PCTFULL effective  
August 1, 2003  
NEWS 5 AUG 13 Field Availability (/FA) field enhanced in BEILSTEIN  
NEWS 6 AUG 18 Data available for download as a PDF in RDISCLOSURE  
NEWS 7 AUG 18 Simultaneous left and right truncation added to PASCAL  
NEWS 8 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right  
Truncation  
NEWS 9 AUG 18 Simultaneous left and right truncation added to ANABSTR  
NEWS 10 SEP 22 DIPPR file reloaded  
NEWS 11 SEP 25 INPADOC: Legal Status data to be reloaded  
NEWS 12 SEP 29 DISSABS now available on STN  
NEWS 13 OCT 10 PCTFULL: Two new display fields added  
NEWS 14 OCT 21 BIOSIS file reloaded and enhanced  
NEWS 15 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced  
NEWS 16 NOV 24 MSDS-CCOHS file reloaded  
  
NEWS EXPRESS NOVEMBER 14 CURRENT WINDOWS VERSION IS V6.01c, CURRENT  
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),  
AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003  
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NEWS WWW CAS World Wide Web Site (general information)

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ENTRY	SESSION
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=> s (transamina? or convert?) (5a) acetophenone  
L1 166 (TRANSAMINA? OR CONVERT?) (5A) ACETOPHENONE

=> s l1 (5a)(stereo? or optical?)  
L2 7 L1 (5A)(STEREO? OR OPTICAL?)

=> dup rem l2  
PROCESSING COMPLETED FOR L2  
L3 4 DUP REM L2 (3 DUPLICATES REMOVED)

=> d 1-4

L3 ANSWER 1 OF 4 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN  
AN 2003-07797 BIOTECHDS  
TI New alcohol dehydrogenase from *Pseudomonas fluorescens*, useful for  
converting ketones to alcohols, also related nucleic acid;  
recombinant enzyme production by transformed *Escherichia coli* useful  
for alcohol production  
AU RIERMEIER T; BORNSCHEUER U; ALTENBUCHNER J; HILDEBRANDT P  
PA DEGUSSA AG  
PI EP 1241263 18 Sep 2002  
AI EP 2002-3634 18 Feb 2002  
PRAI DE 2001-1012401 13 Mar 2001; DE 2001-1012401 13 Mar 2001  
DT Patent  
LA German  
OS WPI: 2003-158766 [16]

L3 ANSWER 2 OF 4 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN  
AN 2000-10329 BIOTECHDS  
TI New (S)-alpha-phenethylamine: pyruvate-transaminase for catalyzing  
transamination to give acetophenone and amino compound;  
production of acetophenone using microorganism, e.g. *Pseudomonas* sp.  
KNK425  
AU Iwasaki A; Yamada Y; Ikenaka Y; Yasohara Y; Hasegawa J  
PA Kaneka  
LO Osaka, Japan.

PI WO 2000026351 11 May 2000  
AI WO 1999-JP5997 29 Oct 1999  
PRAI JP 1998-309310 30 Oct 1998  
DT Patent  
LA Japanese  
OS WPI: 2000-376128 [32]

L3 ANSWER 3 OF 4 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN  
AN 2000-629576 [61] WPIDS  
DNC C2000-188767  
TI Novel Mycobacterium protein capable of catalyzing transamination stereo  
selectively, useful for producing optically active amino compounds,  
comprises a sequence of 339 amino acids .  
DC B04 D16  
IN MITSUDA, S; TAKASHIMA, Y; WIESER, M  
PA (SUMO) SUMITOMO CHEM CO LTD  
CYC 27  
PI EP 1038953 A1 20000927 (200061)\* EN 54p C12N009-10  
R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT  
RO SE SI  
JP 2000342276 A 20001212 (200104) 32p C12N015-09  
US 6413752 B1 20020702 (200248) C12N009-10  
US 2002127664 A1 20020912 (200262) C12P017-00  
ADT EP 1038953 A1 EP 2000-400701 20000314; JP 2000342276 A JP 2000-75752  
20000317; US 6413752 B1 US 2000-527522 20000316; US 2002127664 A1 Div ex  
US 2000-527522 20000316, US 2002-67291 20020207  
PRAI JP 1999-88634 19990330; JP 1999-75511 19990319  
IC ICM C12N009-10; C12N015-09; C12P017-00  
ICS C07H021-04; C07K014-35; C12N001-15; C12N001-19; C12N001-21;  
C12N005-06; C12N005-10; C12N015-54; C12P013-00; C12P021-02;  
C12P041-00  
ICI C07M007:00

L3 ANSWER 4 OF 4 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN  
AN 1994-268695 [33] WPIDS  
DNC C1994-122522  
TI Prepn. of optically active 2,2-di halo-1-phenyl-ethanol - by reacting di  
halo-acetone with microbe of Candida, Rhodosporidium, Corynebacterium etc.  
or deriv. of these.  
DC B05 D16 E14  
PA (TORA) TORAY IND INC  
CYC 1  
PI JP 06197791 A 19940719 (199433)\* 6p C12P041-00  
ADT JP 06197791 A JP 1992-349640 19921228  
PRAI JP 1992-349640 19921228  
IC ICM C12P041-00  
ICI C12P041-00, C12R001:72; C12P041-00, C12R001:88; C12P041-00, C12R001:84;  
C12P041-00, C12R001:78; C12P041-00, C12R001:85; C12P041-00,  
C12R001:22; C12P041-00, C12R001:365; C12P041-00, C12R001:465;  
C12P041-00, C12R001:645; C12P041-00, C12R001:

=> s l3 and mycobacterium

L4 1 L3 AND MYCOBACTERIUM

=> d

L4 ANSWER 1 OF 1 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN  
AN 2000-629576 [61] WPIDS  
DNC C2000-188767  
TI Novel **Mycobacterium** protein capable of catalyzing transamination  
stereo selectively, useful for producing optically active amino compounds,  
comprises a sequence of 339 amino acids .  
DC B04 D16  
IN MITSUDA, S; TAKASHIMA, Y; WIESER, M  
PA (SUMO) SUMITOMO CHEM CO LTD  
CYC 27  
PI EP 1038953 A1 20000927 (200061)\* EN 54p C12N009-10

R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT  
RO SE SI

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US 6413752 B1 20020702 (200248) C12N009-10  
US 2002127664 A1 20020912 (200262) C12P017-00  
•ADT EP 1038953 A1 EP 2000-400701 20000314; JP 2000342276 A JP 2000-75752  
20000317; US 6413752 B1 US 2000-527522 20000316; US 2002127664 A1 Div ex  
US 2000-527522 20000316, US 2002-67291 20020207  
PRAI JP 1999-88634 19990330; JP 1999-75511 19990319  
IC ICM C12N009-10; C12N015-09; C12P017-00  
ICS C07H021-04; C07K014-35; C12N001-15; C12N001-19; C12N001-21;  
C12N005-06; C12N005-10; C12N015-54; C12P013-00; C12P021-02;  
C12P041-00  
ICI C07M007:00

=> dis his

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FILE 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS,  
NTIS, ESBIODBASE, BIOTECHNO, WPIDS' ENTERED AT 17:20:44 ON 05 DEC 2003

L1 166 S (TRANSAMINA? OR CONVERT?) (5A) ACETOPHENONE  
L2 7 S L1 (5A) (STEREO? OR OPTICAL?)  
L3 4 DUP REM L2 (3 DUPLICATES REMOVED)  
L4 1 S L3 AND MYCOBACTERIUM

=> log h

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TOTAL

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FULL ESTIMATED COST

30.63

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